GOVERNMENT OF INDIA
COMMUNICATIONS
LOK SABHA

UNSTARRED QUESTION NO:2103
ANSWERED ON:06.08.2001
INTRODUCTION OF WLL SYSTEM
TRILOCHAN KANUNGO

Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether the Government propose to introduce Wireless in Local Loop(WLL) system instead of Optical Fibre Cable (OFC) system in rural areas;

(b) if so, the details alongwith instrument cost thereof;

(c) whether WLL system is costlier than the OFC system; and

(d) if so, the steps taken/being taken by the Government to adopt more effective and less cost by system in the said areas?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS (SHRI TAPAN SIKDAR)

(a) to (d): Wireless in Local Loop (WLL) system and Optical Fibre Cable (OFC) are entirely two different technologies meant for different applications. These technologies can not be substituted with each other. The WLL system is used to provide access network whereas OFC is used to provide transmissions connectivity between two exchanges.

The Government has planned to induct WLL systems in rural areas extensively. Procurement of 6 lakh lines of WLL systems has already been ordered for the current financial year. The per line cost of WLL system is around Rs. 32,000/- including cost of wireless terminal at subscriber`s premises. WLL is cost effective solution for providing telecommunication services in rural areas vis-Ã -vis other technologies presently available.